

Nov 1007

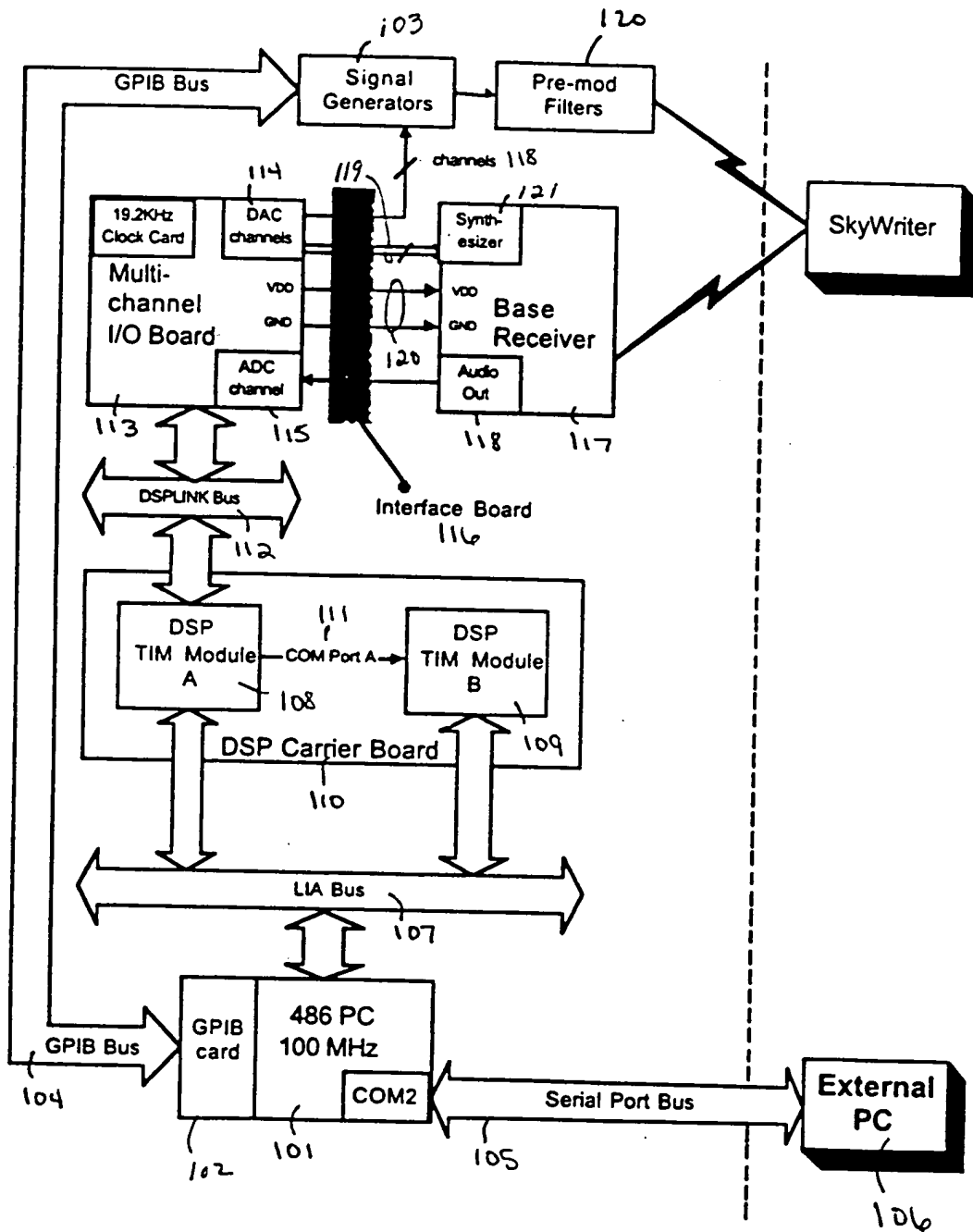


Figure 1

TOP SECRET

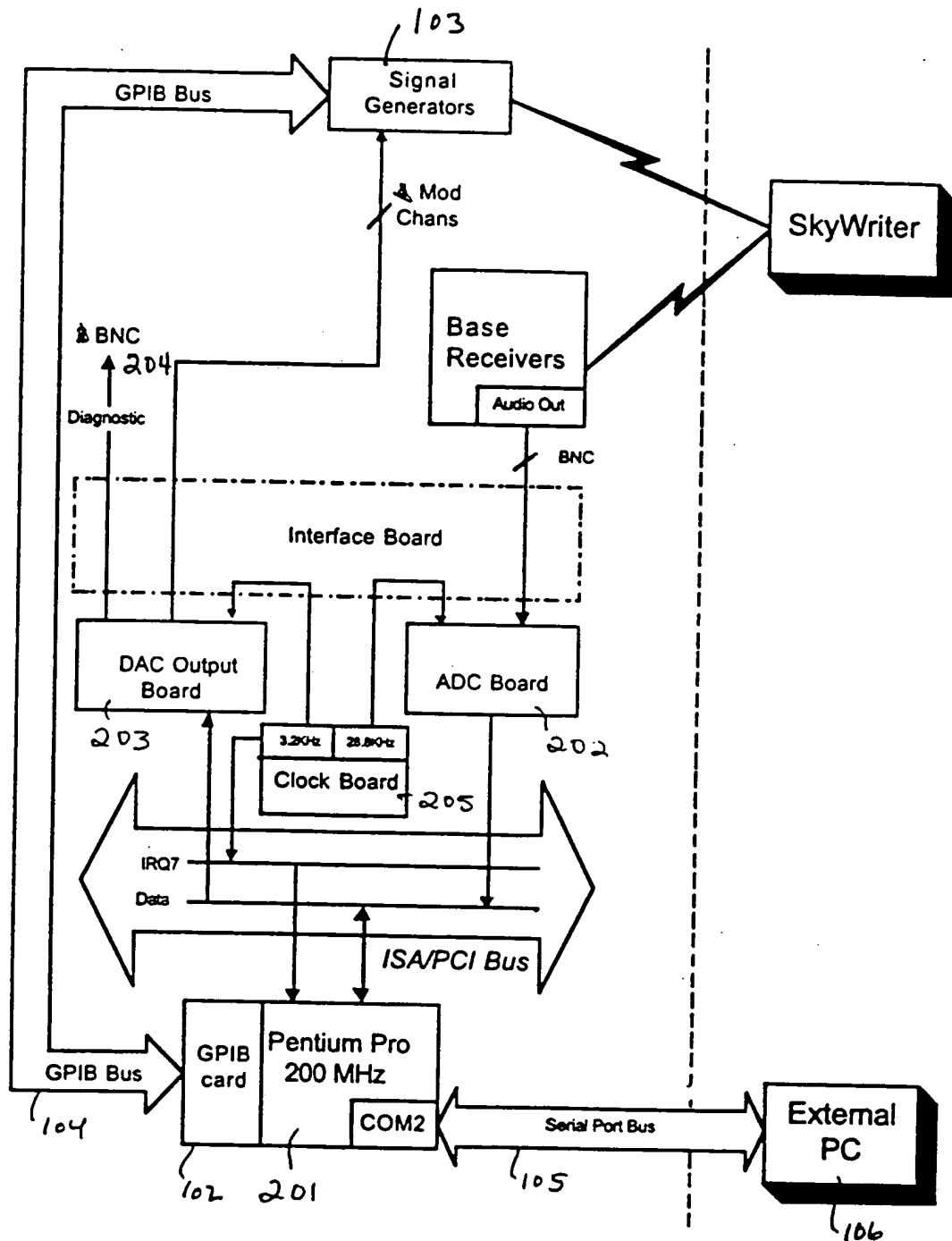
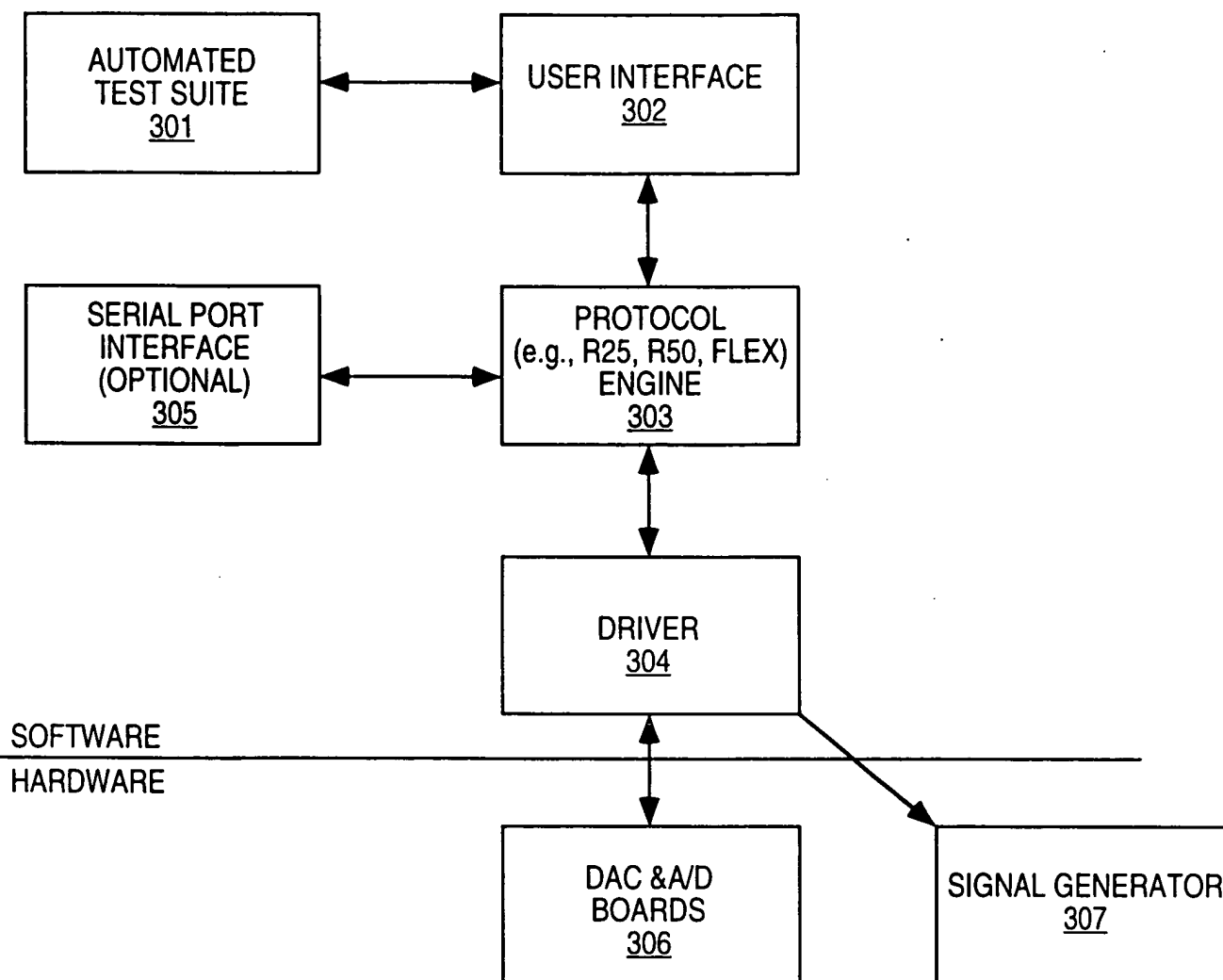


Figure 2

TOP SECRET 8659350



**Figure 3**

TOP SECRET

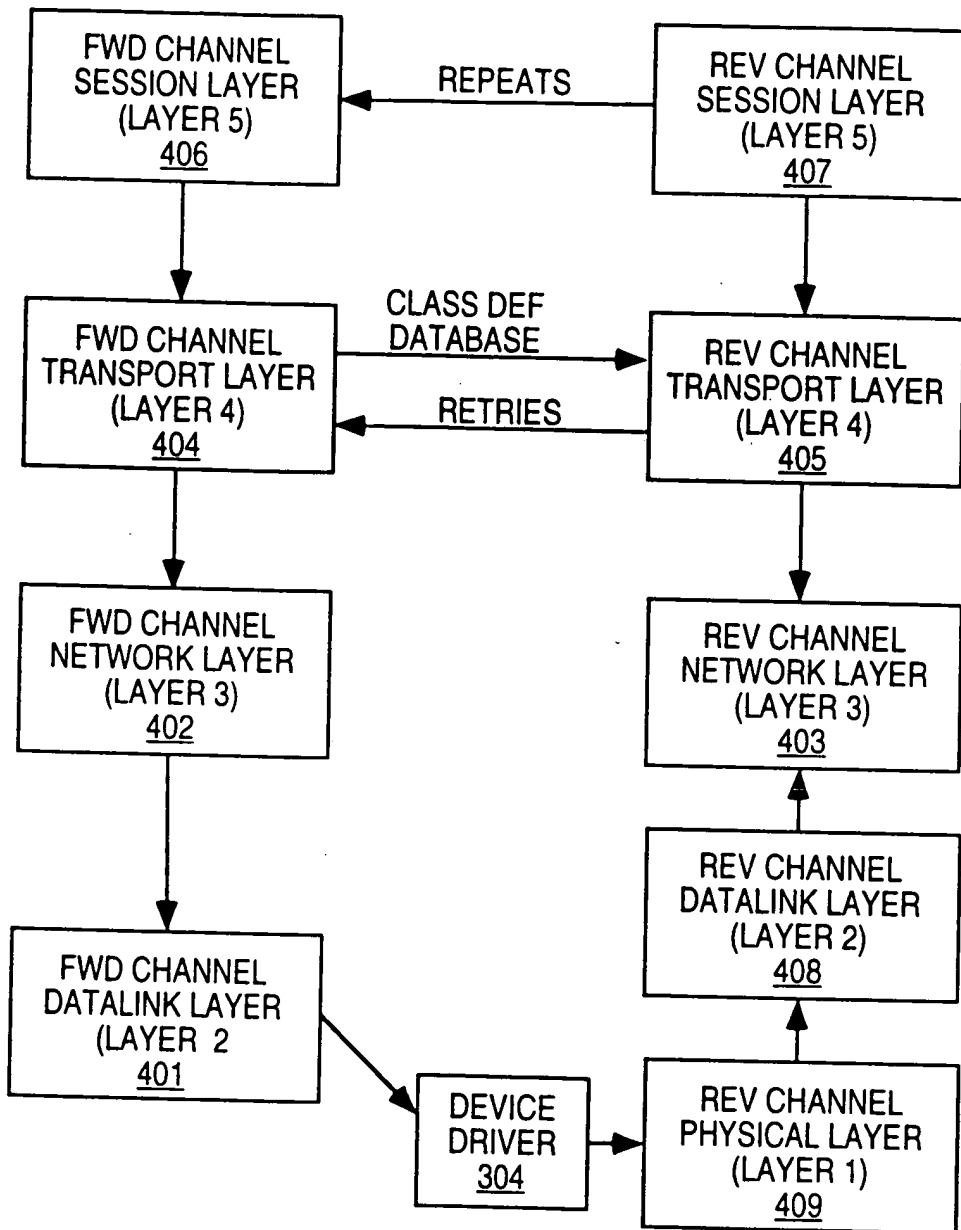


Figure 4

TOP SECRET

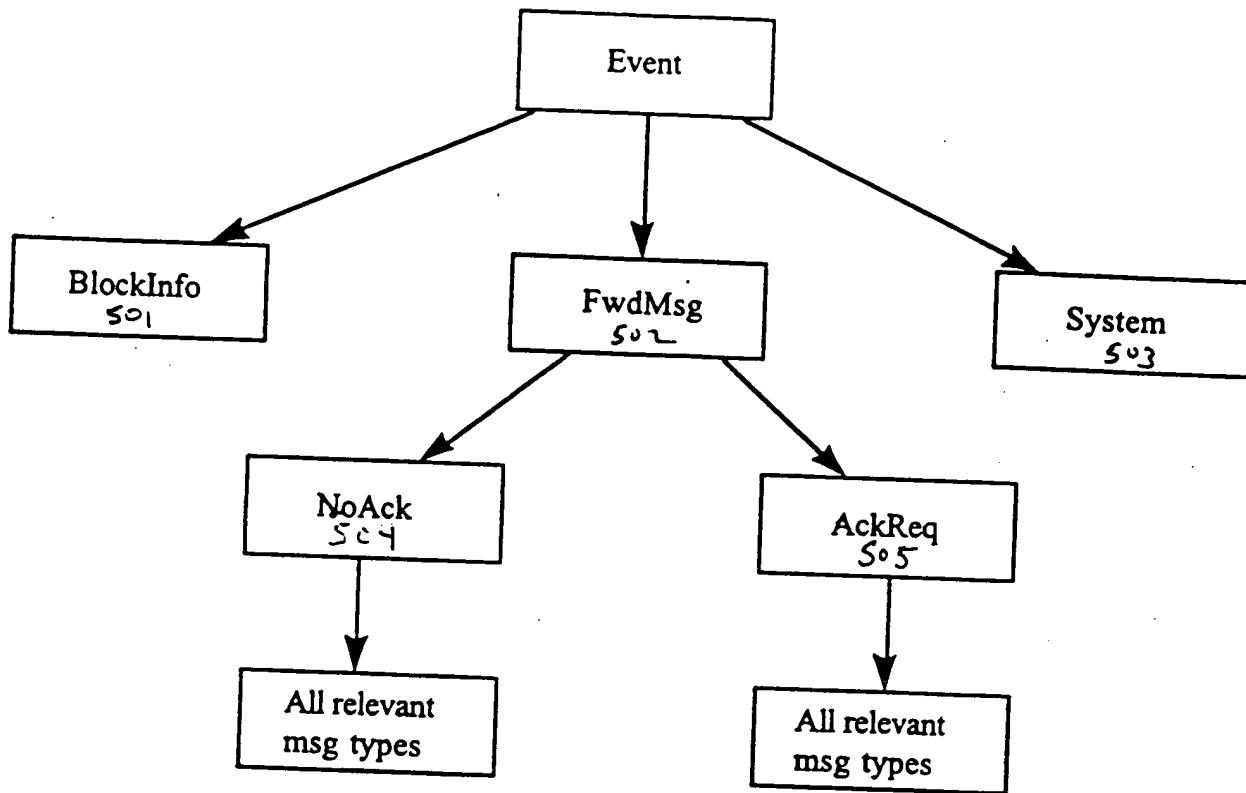


Figure 5

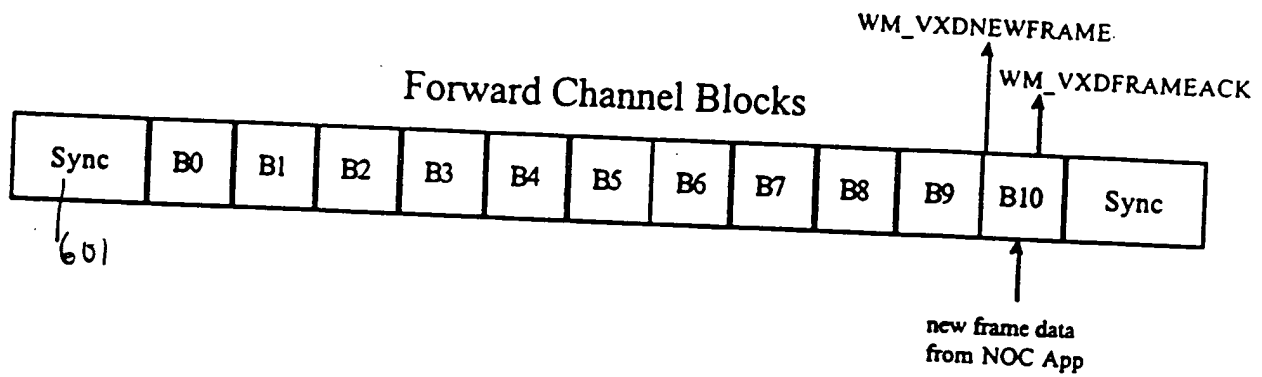


Figure 6

# Reverse Channel Slots

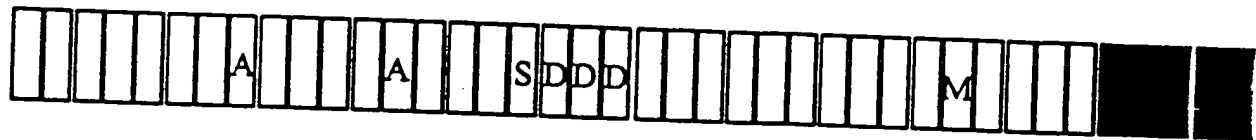


Figure 7

105230" 8659860



## NOC Summary Window

Cycle 0 Frame 8 Test Mode

Total Frames Sent 000008

Forward Ch 0 DISABLED 6400 bps 4-level (R50)  
 Forward Ch 1 DISABLED 6400 bps 4-level (R50)  
 Forward Ch 2 DISABLED 6400 bps 4-level (R50)  
 Forward Ch 3 DISABLED 6400 bps 4-level (R50)  
 Forward Ch 4 DISABLED 6400 bps 4-level (R50)  
 Forward Ch 5 DISABLED 6400 bps 4-level (R50)

Reverse Ch 0 ENABLED 9600 bps ReFLEX50  
 Reverse Ch 1 ENABLED 6400 bps ReFLEX50

Field lengths per Forward Channel

	0	1	2	3	4	5
Bl	12	12	12	12	12	12
Addr	2	0	0	0	0	0
Vector	4	0	0	0	0	0
Msg	10	0	0	0	0	0

Figure 8A

T05250"86E59860



105250-055860

		⏏	⏏	⏏
Forward Channel Window		⏏	⏏	⏏
Address Channel = 0 Address Frame = 9 Address = 9 Message Channel = 0 Message Frame = 9 Fragment Channel = 0 Fragment Frame Number = 9 <b>A default ReFLEX58 message</b>				
-----				
Address Channel = 0 Address Frame = 8 Address = 8 Message Channel = 0 Message Frame = 8 Fragment Channel = 0 Fragment Frame Number = 8 <b>A default ReFLEX58 message</b>				
-----				
Reverse Channel Window		⏏	⏏	⏏
Untitled		⏏	⏏	⏏
Global Registration Acknowledgment = 0 Vector Field Start Word = 0 Flag for Traffic Carry On Personal Addresses = 0 System Frame ID Collapse Mask = 0 End of Block Info Field = 0 Information Service Addresses Present = 0 Number of Forward Subchannels in Operation = 0 Number of Forward Subchannels used for Control = 0 Flag for Traffic Carry On Info Service Addresses = 0				
⏏				

Figure 8A-1

**Forward Channel Tests**

Frame Speed: 6400 bps 4-level (r25) Channel Number: 0

Error Patterns

A	0	A Bar	0
C	0	C Bar	0

Frame Information Word: 11111

B Bit Color Patterns: 0

OK Cancel

Figure BB

09865398.052501

# Select a detailed view for a R50 block Information Words

Double click on an empty square in the tree control to select the specific block information word. A check mark means the block information word is selected.

To change a value, point to the item in the tree control and then point or tab to the edit box and then type in a new value.

- ☒ Block Info Word 0
- ☒ Block Info Word 1
- ☐ FDD Ch 0 Config. Info
- ☐ FDD Ch 1 Config. Info
- ☐ FDD Ch 2 Config. Info
- ☐ FDD Ch 3 Config. Info
- ☐ FDD Ch 4 Config. Info
- ☐ FDD Ch 5 Config. Info
- ☐ FDD Ch 6 Config. Info
- ☐ FDD Ch 7 Config. Info
- ☐ Aloha Time-Out Period - 0
- ☐ Zone ID - 0
- ☐ Local Channel ID - 0
- ☐ Date and Day
- ☐ Month and Year
- ☐ Hour and Minute
- ☐ Time Zone

Value for block information word: 0

Channel Number: 0

OK

Cancel

Figure 8c

TOP SECRET 000000000000

Send a Message

Address Message Vector Message Scheduling

Select Protocol Address Type

ReFlex 25 Personal

Address

71304272 0:4400450

OK Cancel Apply

Figure 8D

005250-052501

**Send a Message**

Address: Message Vector: Message: Scheduling:

Select the type of message:

- Standard Numeric(No Response)
- Numeric Vector with Response
- Short Message/Tone Only
- HEX/Binary (Single Subchannel)
- HEX/Binary (Multiple Subchannel)
- Alphanumeric (Single Subchannel)
- Command to PMU(Location Query)
- Secure Message (OTAP)

Select the type of Ack:

- No ACKS
- 1st Ack ALOHA, No 2nd ACK
- 1st Ack scheduled, No 2nd ACK
- 1st Ack scheduled, 2nd ACK ALOHA

☐ MCR

☐ Gained Message

☐ Unprintable ASCII character

OK Cancel Apply

Figure BE

105250 86598 05398

**Send a Message**

Address Message Vector Message **Scheduling**

Message Fragment

message1
message2
message3
message4
message5
message6
message7
message8

Number of message fragments to send

1

OK Cancel Apply

Figure 8F

09865498.052501

Send a Message

Address Message Vector Message Scheduling

☐ Retry Message

0 Message Channel

Message Frame Offset 0

☒ Manual Reverse Channel Scheduling

Reverse Channel Slot Number 35

OK Cancel Apply

Figure BG